

## ABSTRACT OF THE DISCLOSURE

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Q2
- Method for the estimation of one or more parameters of a propagation channel with a priori knowledge of the signal in a system comprising one or more sensors, wherein the method comprises the following steps:
- correlating the signal received by the sensor or sensors  $s(t)$  with a known signal  $c(t)$ ,
  - selecting a number of samples of the signal obtained after the correlation step,
  - determining the parameters of the channels such as  $\tau$  and/or  $\theta$  which enable the most efficient reconstruction of the signals received by using a maximum likelihood method.

Figure 4.